

SYSTEM AND METHOD FOR ACCESSING BIOLOGICAL DATA

Abstract of the Disclosure

5 A system is presented with a search panel for specifying search criteria for
searching a database of biological information. The search panel uses the extensible
markup language (XML) to send search requests to the database. A database graph
generation module linked to the biological database generates a database graph
representing the database schema. Once the database schema is known, another module
10 creates joins between the database tables in order to most effectively join data from one
table to another. An SQL statement incorporating the optimized joins is then used to
search the biological database.

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